

19. (Twice Amended) Apparatus for ensuring the integrity of an application executed on a computer having data storage arranged sectorwise, comprising:

C1 apparatus for learning about the normal access behavior of said application to said data storage arranged sectorwise by monitoring accesses of said application to elements of said data storage during a limited period; and

an enforcement device, operative after said period is over, for identifying and preventing said application from accessing elements of data storage that do not correspond with the normal behavior of said application.

---

24. (Once Amended) Apparatus for ensuring the integrity of a computer application to be run in association with a computer having data storage arranged sectorwise in a storage device, comprising:

apparatus for assigning a general enforcement file to each new program;

C2 apparatus for learning about the program by monitoring the program's attempts to make file accesses during a learning period;

an enforcement device operative, after said learning period is over, to treat attempts of the program to access files accessed during said learning period more leniently than attempts of the program to access files not accessed during said learning period, said enforcement device is based at least on instances of specific permission being given by the user to said application to access locations of said data storage, wherein said enforcement device treats attempts of said application to access locations of said data storage to which the user has